

# Product data sheet

Specifications



## Limit switch, 9007, 600 V 10amp c +options

9007C54ED

### Main

|                               |  |
|-------------------------------|--|
| Range of product              | 9007   |
| Series name                   | Heavy duty   |
| Product or component type     | Limit switch   |
| Product specific application  | Standard box   |
| Device short name             | 9007C  |
| Body type                     | Plug-in  |
| Head type                     | Plunger head   |
| Material                      | Metal  |
| Fixing mode                   | By the body  |
| Movement of operating head    | Linear   |
| Type of operator              | Stainless steel spring return plunger (adjustable)   |
| Switch actuation              | On end   |
| Type of approach              | Vertical approach, 1 direction                       |
| Electrical connection         | Screw-clamp terminals (AWG 22...AWG 12), 1...2       |
| Cable entry                   | 1 entry for 1/2" - 14 NPT conforming to ANSI B1.20.1 |
| Number of poles               | 1  |
| Contacts type and composition | NC-NO  |
| Contact operation             | Snap action  |
| Positive opening              | Without  |
| Sale per indivisible quantity | 1  |

### Complementary

|                               |                 |
|-------------------------------|-----------------|
| Body material                 | Zinc            |
| Head material                 | Zinc            |
| Function available            | -               |
| Switch function               | SPDT-DB         |
| Contact form                  | Form Z          |
| Contacts material             | Silver contacts |
| Terminals description ISO n°1 | (3-4)NO         |

(1-2)NC

|   |   |
|---|---|
| <b>Repeat accuracy</b>                              | +/- 0.001 in linear travel of cam   |
| <b>[Ie] rated operational current</b>               | 1.2 A at 600 V AC, A600 conforming to NEMA<br>0.1 A at 600 V DC, Q600 conforming to NEMA  |
| <b>[Ithe] conventional enclosed thermal current</b> | 10 A  |
| <b>[Ui] rated insulation voltage</b>                | 600 V (pollution degree 3) conforming to UL 508 for contact block<br>600 V (pollution degree 3) conforming to CSA C22.2 No 14 for contact block |
| <b>[Uimp] rated impulse withstand voltage</b>       | 2.5 kV AC 1 min conforming to CE<br>2.2 kV AC 1 min conforming to UL<br>2.64 kV AC 1 s conforming to CSA  |
| <b>Short-circuit protection</b>                     | 10 A by CC fuse, protection type: non-time delay  |
| <b>Electrical durability</b>                        | 1000000 cycles  |
| <b>Local signalling</b>                             | without   |
| <b>Mechanical durability</b>                        | 10000000 cycles   |
| <b>Width</b>  | 39.37 mm  |
| <b>Height</b>                                       | 132.59 mm   |
| <b>Depth</b>  | 45.47 mm  |
| <b>Product weight</b>                               | 0.57 kg   |

## Environment

|  |   |
|--|---|
| <b>Shock resistance</b>                      | 60 gn for 9 ms conforming to IEC 60068-2-27   |
| <b>Vibration resistance</b>                  | 25 gn (f= 10...150 Hz) conforming to IEC 60068-2-6  |
| <b>NEMA degree of protection</b>             | NEMA 1 conforming to Nema type 250<br>NEMA 2 conforming to Nema type 250<br>NEMA 4 conforming to Nema type 250<br>NEMA 6 conforming to Nema type 250<br>NEMA 6P conforming to Nema type 250<br>NEMA 12 conforming to Nema type 250<br>NEMA 13 conforming to Nema type 250 |
| <b>IP degree of protection</b>               | IP67 conforming to IEC 60529  |
| <b>Electrical shock protection class</b>     | Class 0 conforming to IEC 61140   |
| <b>Ambient air temperature for operation</b> | -29...85 °C for standard environment  |
| <b>Ambient air temperature for storage</b>   | -29...85 °C   |
| <b>Environmental characteristic</b>          | Standard environment  |
| <b>Protective treatment</b>                  | Epoxy powder coat   |

## Packing Units

|                                     |         |
|-------------------------------------|---------|
| <b>Unit Type of Package 1</b>       | PCE     |
| <b>Number of Units in Package 1</b> | 1       |
| <b>Package 1 Height</b>             | 4.1 cm  |
| <b>Package 1 Width</b>              | 5.1 cm  |
| <b>Package 1 Length</b>             | 13.7 cm |
| <b>Package 1 Weight</b>             | 508.0 g |

## Offer Sustainability

|                                 |  |
|---------------------------------|--|
| <b>Sustainable offer status</b> | Green Premium product                                      |
| <b>REACH Regulation</b>         | <a href="#">REACH Declaration</a>                          |
| <b>EU RoHS Directive</b>        | Pro-active compliance (Product out of EU RoHS legal scope) |

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|                                   |   |
|-----------------------------------|---|
| <b>Mercury free</b>               | Yes   |
| <b>RoHS exemption information</b> | Yes   |
| <b>Environmental Disclosure</b>   | <a href="#">Product Environmental Profile</a>   |
| <b>California proposition 65</b>  | WARNING: This product can expose you to chemicals including: Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

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### Contractual warranty

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|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

### Recommended replacement(s)